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International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : C07K 4/00, 4/12, 14/00, 14/435, 14/705, 16/18, A61K 38/02, 38/03, 38/16	A1	(11) International Publication Number: WO 00/02902 (43) International Publication Date: 20 January 2000 (20.01.00)
(21) International Application Number: PCT/US99/15772 (22) International Filing Date: 12 July 1999 (12.07.99) (30) Priority Data: 60/092,647 13 July 1998 (13.07.98) US (71)(72) Applicant and Inventor: GILL, Parkash, S. [US/US]; 29420 Cresthaven Court, Agoura, CA 91301 (US). (74) Agents: WEBER, Kenneth, A. et al.; Townsend and Townsend and Crew LLP, 8th floor, Two Embarcadero Center, San Francisco, CA 94111 (US).		(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i>
(54) Title: NOVEL INHIBITORS OF ANGIOGENESIS AND TUMOR GROWTH		
(57) Abstract <p>This invention provides for polypeptides that have surprising anti-angiogenic activity. These peptides are derived from Saposin B, a previously known protein involved in the hydrolysis of sphingolipids. In addition, methods of treating mammals with these anti-angiogenic polypeptides are provided, as well as the pharmaceutical compositions used to treat. Furthermore, the polypeptides of this invention can be used in fusion proteins, wherein the fusion proteins also comprise cell targeting or cytotoxic moieties. Also provided is the receptor to which these polypeptides bind.</p>		